



 Net Power
 Operating Weight

 322 HP (240 kW) / 2,100 rpm
 24,700 kg (54,455 lb) - 25,002 kg (55,120 lb)

Bucket Capacity 4.20 m³ (5.50 yd³)



SPECIFICATIONS HL970A

ENGINE	
Maker / Model	CUMMINS / L9
Туре	Tier 4F/ Stage V Emission Certified, 6 cylinder diesel engine with No Manual Regeneration.
Gross Power (SAE J1995)	325 HP (242 kW) at 2,100 rpm
Net Power (SAE J1349)	322 HP (240 kW) at 2,100 rpm
Max. Power	330 HP (246 kW) at 2,000 rpm
Peak Gross Torque (SAE J1995)	1,207 lb.ft (1636 N·m) at 1,100 rpm
Displacement	8.9 l (543 cu in)

*Stage V	& Tier 4 Final	Certified
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TRANSMISSION			
Travel Speed, km/h (mph)		4 Speed T/M	5 Speed T/M with lock up clutch
	1st	7.4 (4.6)	7.4 (4.6)
Forward	2nd	12.5 (7.8)	12.6 (7.8)
	3rd	27.8 (17.3)	20.1 (12.5)
	4th	40.0 (24.9)	28.7 (17.8)
	5th	-	40.0 (24.9)
	1st	7.4 (4.6)	7.4 (4.6)
Reverse	2nd	12.5 (7.8)	12.6 (7.8)
	3rd	27.8 (17.3)	28.7 (17.8)

[•] This is the maximum travel speed of a standard machine with unfilled bucket.

AXLES	
Drive System	Four-wheel drive system
Mount	Fixed
Rear Axle Oscillation	Oscillating ±11 ° degrees
Hub Reduction	Planetary reduction at wheel end
Differential	Conventional
Reduction Ratio	24.666

HYDRAULIC SYSTEM			
Туре	Load sensing hydraulic system		
Pump	Variable displacement piston pump 359 lpm		
Control Valve	2 Spool (Bucket, Boom) 3 Spool (Bucket, Boom,	2 Spool (Bucket, Boom) 3 Spool (Bucket, Boom, Aux)	
System Pressure	280 bar (4,061 psi)		
Lift Circuit	The valve has four functions; Raise / Hold / Lower / Float Can adjust automatic kickout from horizontal to full lift.		
Tilt Circuit	The valve has three functions; Tilt back / Hold / Dump Can adjust automatic bucket positioner to desired load angle.		
	Type: double acting No. of cylinders-bore × stroke		
Cylindor	Lift	2-165 × 780 mm (2-6.5" × 2' 6.7")	
Cylinder	HL970A Tilt	1-180 × 565 mm (1-7.1" × 1' 10.2")	
	HL970A XT Tilt	1-180 × 570 mm (1-7.1" × 1' 10.4")	
Cycle Time	Raise: 6.0 Sec. / Dump: Lower: 4.3 Sec. / Total:		

^{*} Hyundai Bio Hydraulic Oil (HBHO) available

OVERVIEW			
Description HL970A HL970A XT			HL970A XT
Operating Weight		24,700 kg (54,455 lb)	25,002 kg (55,120 lb)
Bucket	Heaped	4.20 m ³ (5.50 yd ³)	4.20 m ³ (5.50 yd ³)
Capacity	Struck	3.60 m ³ (4.70 yd ³)	3.60 m³ (4.70 yd³)
Breakout Force-Bucket		21,715 kg (47,875 lb)	21,775 kg (48,010 lb)
Tinning Load	Straight	19,550 kg (43,100 lb)	16,250 kg (35,830 lb)
Tipping Load	Full Turn	16,892 kg (37,240 lb)	13,950 kg (30,755 lb)

TIRES	
Туре	Tubeless, loader design tires
Standard	26.5R25 L3, ★★, L3
	26.5-25, 20PR L5
Options Include	26.5R25 XHA, ★, XHA
	26.5-25 20PR L3

BRAKES	
Service Brakes	Hydraulically actuated, wet disc brakes actuate all 4 wheels independent axle-by-axle system. Self adjusting & wheel speed brake.
Parking Brake	Spring-applied, hydraulically released brake
Emergency Brake	When brake oil pressure drops, indicator light alerts operator and parking brake automatically applies.

STEERING SYSTEM	
Туре	Load sensing hydrostatic articulated steering
Pump	Variable displacement piston pump, 242 lpm
System Pressure	210 bar (3,046 psi)
Cylinder	Double acting $2-95 \times 468 \text{ mm} (2-3.7" \times 1' 6.4")$
Steering Angle	40° to both right and left angle, respectively
Features	Center-point frame articulation.
Teatures	Tilt and telescopic steering column.

SERVICE REFILL CAPACITIES		
Fuel Tank	365 liters (96.4 US gal)	
Def Tank	44.5 liters (11.8 US gal)	
Cooling System	47 liters (12.4 US gal)	
Crankcase	22.7 liters (6.0 US gal)	
Transmission	53 liters (14 US gal)	
Front Axle	42 liters (11.1 US gal)	
Rear Axle	42 liters (11.1 US gal)	
Hydraulic Tank	152 liters (40.2 US gal)	
Hydraulic System (Including Tank)	276 liters (72.9 US gal)	

CAB NOISE LEVEL

Guaranteed noise level presented below can be differed depending on a range of factors such as operating condition, speed of a cooling fan, types of engine and so forth. Hearing protection shall be necessary if an operator is working in the improperly maintained cabin or exposed to a noisy environment by leaving doors and/or windows open.

With cooling fan speed at maximum value:

Operator sound pressure level (ISO 6396:2008)	70 dB(A)
Exterior sound power level (ISO 6395:2008)	107 dB(A)

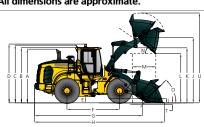
 $[\]ensuremath{^*}$ Distance of 15 m (49.2 ft), moving forward in second gear ratio.

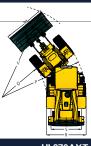
CA	ы	LAH

ROPS / FOPS Cabin Meet ISO 3471 and ISO 3449

HL970A DIMENSIONS

All dimensions are approximate.





	Description	HL970A	HL970AXT
Α	Height to Top of Exhaust Pipe	3,570 (11' 9")	3,570 (11' 9")
В	Height to Top of Cabin	3,590 (11' 9")	3,590 (11' 9")
c	Height to Top of Product Link Antenna	3,665 (12' 0")	3,665 (12' 0")
D	Height to Top of Warning Beacon	3,720 (12' 2")	3,720 (12' 2")
E	Ground Clearance	480 (1' 7")	480 (1' 7")
F	Wheelbase	3,500 (11' 6")	3,500 (11' 6")
G	Overall Length (without Bucket)	7,395 (24' 3")	7,935 (26' 0")
н	Shipping Length (with Bucket Level on Ground)	8,740 (28' 8")	9,280 (30' 5")
I	Hinge Pin Height at Carry Position	500 (1' 8")	615 (2' 0")
J	Hinge Pin Height at Maximum Lift	4,325 (14' 2")	4,815 (15' 10")

Unit: mm (ffin)

	Descr	iption	HL970A	HL970AXT
K	Lift Arm Clearand Maximum Lift	ce at	3,605 (11' 10")	4,095 (13' 5")
L	Dump Clearance 45° Discharge	at Maximum Lift and	3,080 (10' 1")	3,570 (11' 9")
М	Reach at Maximu Discharge	um Lift and 45°	1,270 (4' 2")	1,255 (4' 1')
N	Dump Angle at N Lift and Dump (o		50	50
_	Dall Davis Assala	Ground	43	43
0	Roll Back Angle	Carry	47	49
Р	Clearance Circle to Outside of Tir		12,885 (42' 3")	12,885 (42' 3")
Q	Clearance Circle to Inside of Tires		6,800 (22' 4")	6,800 (22' 4")
R	Width Over Tires	(Unloaded)	2,980 (9' 9")	2,980 (9' 9")
R1	Overall Width (with bucket)	2,740 (9')	2,740 (9')
S	Tread Width		2,300 (7' 7")	2,300 (7' 7")

General Purpose Pin On General Purpose Pin On General Purpose - Hook On High Lift Lift Lift Lift Lift Lift Lift Lift	HL	970A OPERATING SPECIFICATION	S WITH BUCKETS				
Capacitiy - Rated 4.20 m³ (5.50 yd³) 5.20 m³ (6.80 yd³) 4.50 m³ (5.90 yd³) 4.20 m³ (5.50 yd³) - Capacitiy - Rated at 110% Fill Factor 4.62 m³ (6.00 yd³) 5.72 m³ (7.50 yd²) 5.90 m³ (4.95 yd²) 4.62 m³ (6.00 yd³) - Width 3.100 mm (10' 2" ft/in) 3.250 mm (10' 8" ft/in) 3.100 mm (10' 2" ft/in) 3.100 mm (10' 2" ft/in) 3.00 mm (10' 2" ft/in) 3.00 mm (10' 2" ft/in) 4.69 mm (+1' 7" ft/in) Dump Clearance at Maximum Lift & 45 ° Discharge 1.270 mm (4' 2" ft/in) 1.375 mm (4' 6" ft/in) 1.310 mm (4' 4" ft/in) 1.485 mm (4' 10" ft/in) -15 mm (-0.6" ft/in) Digying Depth 100 mm (0' 4" ft/in) 100 mm (0' 4"	Linkage Bucket Type			· ·			
Capacitity - Rated at 110% Fill Factor 4.62 m³ (6.00 yd³) 5.72 m³ (7.50 yd²) 5.90 m³ (4.95 yd²) 4.62 m³ (6.00 yd³) - Width 3.100 mm (10′ 2″ ft/in) 3.250 mm (10′ 8″ ft/in) 3,100 mm (10′ 2″ ft/in) 3,100 mm (10′ 2″ ft/in) - Dump Clearance at Maximum Lift & 45 ° Discharge 3.080 mm (10′ 1″ ft/in) 2,975 mm (9′ 9″ ft/in) 3,040 mm (9′ 12″ ft/in) 2,865 mm (9′ 5″ ft/in) +490 mm (+1′ 7″ ft/in) Reach at Maximum Lift & 45° Discharge 1,270 mm (4′ 2″ ft/in) 1,375 mm (4′ 6″ ft/in) 1,310 mm (4′ 4″ ft/in) 1,485 mm (4′ 10″ ft/in) -15 mm (-0.6″ ft/in) Digging Depth 100 mm (0′ 4″ ft/in) +15 mm (+0.6″ ft/in) T Shipping Length (with Bucket) 8,740 mm (28′ 8″ ft/in) 8,890 mm (29′ 2″ ft/in) 8,800 mm (28′ 10″ ft/in) 9,045 mm (29′ 8″ ft/in) +540 mm (+1′ 9″ ft/in) U Overall Height with Bucket at Maximum Lift 5,970 mm (19′ 7″ ft/in) 6,120 mm (20′ 1″ ft/in) 6,030 mm (19′ 9″ ft/in) 6,185 mm (20′ 4″ ft/in) +490 mm (+1′ 7″ ft/in) V Loader Clearance Circle with Bucket at At Carry Position 14,310 mm (46′ 11″ ft/in)	Edg	ge Type	Bolt - On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Bolt-On Cutting Edges	Linkage Change
Factor 4.62 m° (6.00 yg°) 5.72 m° (7.50 yg°) 5.90 m° (4.95 yg°) 4.62 m° (6.00 yg°) - Width 3,100 mm (10' 2" ft/in) 3,250 mm (10' 8" ft/in) 3,100 mm (10' 2" ft/in) 3,100 mm (10' 2" ft/in) - Dump Clearance at Maximum Lift & 45 ° Discharge 3,080 mm (10' 1" ft/in) 2,975 mm (9' 9" ft/in) 1,375 mm (4' 6" ft/in) 1,310 mm (4' 4" ft/in) 1,485 mm (4' 10" ft/in) -15 mm (-0.6" ft/in) Digging Depth 100 mm (0' 4" ft/in) 4.15 mm (+0.6" ft/in) T Shipping Length (with Bucket) 8,740 mm (28' 8" ft/in) 8,890 mm (29' 2" ft/in) 8,800 mm (28' 10" ft/in) 9,045 mm (29' 8" ft/in) 4540 mm (+1' 9" ft/in) U Overall Height with Bucket 3 5,970 mm (19' 7" ft/in) 6,120 mm (20' 1" ft/in) 6,030 mm (19' 9" ft/in) 6,185 mm (20' 4" ft/in) 4490 mm (+1' 7" ft/in) Static Tipping Load. Straight (No Tire Deflection) 18,350 kg (34,945 lb) 15,500 kg (34,175 lb) 15,800 kg (34,835 lb) 14,250 kg (31,420 lb) -1,900 kg (-4,185 lb) Breakout Force 21,715 kg (47,875 lb) 19,540 kg (43,080 lb) 20,785 kg (45,825 lb) 17,700 kg (39,025 lb) +60 kg (+135 lb)	Ca	pacitiy - Rated	4.20 m ³ (5.50 yd ³)	5.20 m ³ (6.80 yd ³)	4.50 m ³ (5.90 yd ³)	4.20 m ³ (5.50 yd ³)	-
Dump Clearance at Maximum Lift & 45 ° Discharge 3,080 mm (10' 1" ft/in) 2,975 mm (9' 9" ft/in) 3,040 mm (9' 12" ft/in) 2,865 mm (9' 5" ft/in) +490 mm (+1' 7" ft/in)	•	•	4.62 m³ (6.00 yd³)	5.72 m³ (7.50 yd³)	5.90 m³ (4.95 yd³)	4.62 m³ (6.00 yd³)	-
Maximum Lift & 45 ° Discharge 3,080 mm (10' 1" ft/in) 2,975 mm (9' 9" ft/in) 3,040 mm (9' 12" ft/in) 2,865 mm (9' 5" ft/in) +490 mm (+1' 7" ft/in) Reach at Maximum Lift & 45° Discharge 1,270 mm (4' 2" ft/in) 1,375 mm (4' 6" ft/in) 1,310 mm (4' 4" ft/in) 1,485 mm (4' 10" ft/in) -15 mm (-0.6" ft/in) Digging Depth 100 mm (0' 4" ft/in) +15 mm (+0.6" ft/in) T Shipping Length (with Bucket) 8,740 mm (28' 8" ft/in) 8,890 mm (29' 2" ft/in) 8,800 mm (28' 10" ft/in) 9,045 mm (29' 8" ft/in) +540 mm (+1' 9" ft/in) U Overall Height with Bucket at Maximum Lift 5,970 mm (19' 7" ft/in) 6,120 mm (20' 1" ft/in) 6,030 mm (19' 9" ft/in) 6,185 mm (20' 4" ft/in) +490 mm (+1' 7" ft/in) V Loader Clearance Circle with Bucket at Carry Position 14,310 mm (46' 11" ft/in) 14,540 mm (47' 8" ft/in) 14,350 mm (47' 1" ft/in) 14,500 mm (47' 7" ft/in) +400 mm (+1' 4" ft/in) Static Tipping Load. Straight (No Tire Deflection) 18,350 kg (34,945 lb) 17,900 kg (39,465 lb) 18,300 kg (34,335 lb) 16,500 kg (31,420 lb) -2,100 kg (-4,625 lb) Static Tipping Load. Articulated (No Tire Deflection) 15,850 kg (34,945 lb)	Wie	dth	3,100 mm (10' 2" ft/in)	3,250 mm (10' 8" ft/in)	3,100 mm (10' 2" ft/in)	3,100 mm (10' 2" ft/in)	-
Digging Depth 100 mm (0' 4" ft/in) +15 mm (+0.6" ft/in) T Shipping Length (with Bucket) 8,740 mm (28' 8" ft/in) 8,890 mm (29' 2" ft/in) 8,800 mm (28' 10" ft/in) 9,045 mm (29' 8" ft/in) +540 mm (+1' 9" ft/in) U Overall Height with Bucket at Maximum Lift 5,970 mm (19' 7" ft/in) 6,120 mm (20' 1" ft/in) 6,030 mm (19' 9" ft/in) 6,185 mm (20' 4" ft/in) +490 mm (+1' 7" ft/in) V Loader Clearance Circle with Bucket at Carry Position 14,310 mm (46' 11" ft/in) 14,540 mm (47' 8" ft/in) 14,350 mm (47' 1" ft/in) 14,500 mm (47' 7" ft/in) +400 mm (+1' 4" ft/in) Static Tipping Load. Straight (No Tire Deflection) 18,350 kg (40,455 lb) 17,900 kg (39,465 lb) 18,300 kg (40,345 lb) 16,500 kg (36,380 lb) -2,100 kg (-4,625 lb) Static Tipping Load. Articulated (No Tire Deflection) 15,850 kg (34,945 lb) 15,500 kg (34,175 lb) 15,800 kg (34,835 lb) 14,250 kg (31,420 lb) -1,900 kg (-4,185 lb) Breakout Force 21,715 kg (47,875 lb) 19,540 kg (43,080 lb) 20,785 kg (45,825 lb) 17,700 kg (39,025 lb) +60 kg (+135 lb)		•	3,080 mm (10' 1" ft/in)	2,975 mm (9' 9" ft/in)	3,040 mm (9' 12" ft/in)	2,865 mm (9' 5" ft/in)	+490 mm (+1' 7" ft/in)
T Shipping Length (with Bucket) 8,740 mm (28' 8" ft/in) 8,890 mm (29' 2" ft/in) 8,800 mm (28' 10" ft/in) 9,045 mm (29' 8" ft/in) +540 mm (+1' 9" ft/in) U Overall Height with Bucket at Maximum Lift 5,970 mm (19' 7" ft/in) 6,120 mm (20' 1" ft/in) 6,030 mm (19' 9" ft/in) 6,185 mm (20' 4" ft/in) +490 mm (+1' 7" ft/in) V Loader Clearance Circle with Bucket at Carry Position 14,310 mm (46' 11" ft/in) 14,540 mm (47' 8" ft/in) 14,350 mm (47' 1" ft/in) 14,500 mm (47' 7" ft/in) +400 mm (+1' 4" ft/in) Static Tipping Load. Straight (No Tire Deflection) 18,350 kg (40,455 lb) 17,900 kg (39,465 lb) 18,300 kg (40,345 lb) 16,500 kg (36,380 lb) -2,100 kg (-4,625 lb) Static Tipping Load. Articulated (No Tire Deflection) 15,850 kg (34,945 lb) 15,500 kg (34,175 lb) 15,800 kg (34,835 lb) 14,250 kg (31,420 lb) -1,900 kg (-4,185 lb) Breakout Force 21,715 kg (47,875 lb) 19,540 kg (43,080 lb) 20,785 kg (45,825 lb) 17,700 kg (39,025 lb) +60 kg (+135 lb)	Rea	ach at Maximum Lift & 45° Discharge	1,270 mm (4' 2" ft/in)	1,375 mm (4' 6" ft/in)	1,310 mm (4' 4" ft/in)	1,485 mm (4' 10" ft/in)	-15 mm (-0.6" ft/in)
U Overall Height with Bucket at Maximum Lift 5,970 mm (19' 7" ft/in) 6,120 mm (20' 1" ft/in) 6,030 mm (19' 9" ft/in) 6,185 mm (20' 4" ft/in) +490 mm (+1' 7" ft/in) V Loader Clearance Circle with Bucket at Carry Position 14,310 mm (46' 11" ft/in) 14,540 mm (47' 8" ft/in) 14,350 mm (47' 1" ft/in) 14,500 mm (47' 7" ft/in) +400 mm (+1' 4" ft/in) 14,500 mm (47' 7" ft/in) +400 mm (+1' 4" ft/in) 17,900 kg (39,465 lb) 18,300 kg (40,345 lb) 16,500 kg (36,380 lb) -2,100 kg (-4,625 lb) 15,850 kg (34,945 lb) 15,850 kg (34,945 lb) 15,800 kg (34,835 lb) 14,250 kg (31,420 lb) -1,900 kg (-4,185 lb) 15,800 kg (45,825 lb) 17,700 kg (39,025 lb) +60 kg (+135 lb)	Dig	ging Depth	100 mm (0' 4" ft/in)	+15 mm (+0.6" ft/in)			
U Maximum Lift 5,970 mm (19 7" ft/in) 6,120 mm (20 1" ft/in) 6,030 mm (19 9" ft/in) 6,185 mm (20 4" ft/in) +490 mm (+1" 7" ft/in) V Loader Clearance Circle with Bucket at Carry Position 14,310 mm (46' 11" ft/in) 14,540 mm (47' 8" ft/in) 14,350 mm (47' 1" ft/in) 14,500 mm (47' 7" ft/in) +400 mm (+1' 4" ft/in) Static Tipping Load. Straight (No Tire Deflection) 18,350 kg (40,455 lb) 17,900 kg (39,465 lb) 18,300 kg (40,345 lb) 16,500 kg (36,380 lb) -2,100 kg (-4,625 lb) Static Tipping Load. Articulated (No Tire Deflection) 15,850 kg (34,945 lb) 15,500 kg (34,175 lb) 15,800 kg (34,835 lb) 14,250 kg (31,420 lb) -1,900 kg (-4,185 lb) Breakout Force 21,715 kg (47,875 lb) 19,540 kg (43,080 lb) 20,785 kg (45,825 lb) 17,700 kg (39,025 lb) +60 kg (+135 lb)	Т	Shipping Length (with Bucket)	8,740 mm (28' 8" ft/in)	8,890 mm (29' 2" ft/in)	8,800 mm (28' 10" ft/in)	9,045 mm (29' 8" ft/in)	+540 mm (+1' 9" ft/in)
V at Carry Position 14,310 mm (46*11* ft/in) 14,540 mm (47*8* ft/in) 14,350 mm (47*1* ft/in) 14,500 mm (47*7* ft/in) +400 mm (47*8* ft/in) Static Tipping Load. Straight (No Tire Deflection) 18,350 kg (40,455 lb) 17,900 kg (39,465 lb) 18,300 kg (40,345 lb) 16,500 kg (36,380 lb) -2,100 kg (-4,625 lb) Static Tipping Load. Articulated (No Tire Deflection) 15,850 kg (34,945 lb) 15,500 kg (34,175 lb) 15,800 kg (34,835 lb) 14,250 kg (31,420 lb) -1,900 kg (-4,185 lb) Breakout Force 21,715 kg (47,875 lb) 19,540 kg (43,080 lb) 20,785 kg (45,825 lb) 17,700 kg (39,025 lb) +60 kg (+135 lb)	U	_	5,970 mm (19' 7" ft/in)	6,120 mm (20' 1" ft/in)	6,030 mm (19' 9" ft/in)	6,185 mm (20' 4" ft/in)	+490 mm (+1' 7" ft/in)
(No Tire Deflection) Static Tipping Load. Articulated (No Tire Deflection) Breakout Force 15,850 kg (40,455 lb) 17,900 kg (39,465 lb) 17,900 kg (39,465 lb) 15,800 kg (40,345 lb) 15,800 kg (34,835 lb) 15,800 kg (34,835 lb) 14,250 kg (31,420 lb) -1,900 kg (-4,185 lb) 17,700 kg (39,025 lb) +60 kg (+135 lb)	V		14,310 mm (46' 11" ft/in)	14,540 mm (47' 8" ft/in)	14,350 mm (47' 1" ft/in)	14,500 mm (47' 7" ft/in)	+400 mm (+1' 4" ft/in)
(No Tire Deflection) 15,850 kg (34,945 lb) 15,500 kg (34,175 lb) 15,800 kg (34,835 lb) 14,250 kg (31,420 lb) -1,900 kg (-4, 185 lb) Breakout Force 21,715 kg (47,875 lb) 19,540 kg (43,080 lb) 20,785 kg (45,825 lb) 17,700 kg (39,025 lb) +60 kg (+135 lb)			18,350 kg (40,455 lb)	17,900 kg (39,465 lb)	18,300 kg (40,345 lb)	16,500 kg (36,380 lb)	-2,100 kg (-4,625 lb)
		•	15,850 kg (34,945 lb)	15,500 kg (34,175 lb)	15,800 kg (34,835 lb)	14,250 kg (31,420 lb)	-1,900 kg (-4,185 lb)
Operating Weight* 24,200 kg (53,355 lb) 24,475 kg (53,960 lb) 24,255 kg (53,475 lb) 24,840 kg (54,765 lb) +800 kg (+1,765 lb)	Bre	akout Force	21,715 kg (47,875 lb)	19,540 kg (43,080 lb)	20,785 kg (45,825 lb)	17,700 kg (39,025 lb)	+60 kg (+135 lb)
	Ор	erating Weight*	24,200 kg (53,355 lb)	24,475 kg (53,960 lb)	24,255 kg (53,475 lb)	24,840 kg (54,765 lb)	+800 kg (+1,765 lb)

^{*} All height and tire related dimensions are with standard 20.5 R25, $\star\star$, L3 tires.

HL970A / HL970AXT BUCKET SELECTION CHART																			
Standard Lift Arm - General Purpose	Bucket																		
Tuno	m3 (vd3)	Material Density [ton/m³]																	
Туре	m³ (yd³)	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
Bolt-On Cutting Edge	4.2 (5.49)							4.8 m	า³ (6.28	yd³)					4.0 ו	n³ (5.23	3 yd³)		
Bolt-On Cutting Edge	5.2 (6.8)			6.0 m	ı³ (7.85	yd³)					4.9 n	n³ (6.4′	1 yd³)						
Bolt-On Cutting Edge	4.5 (5.89)					5.2	m³ (6.8	3 yd³)					4.3 r	n³ (5.6	62 yd³)				
Cutting Edge (ISO Quick Coupler)	4.2 (5.49)				4.8 m	ı³ (6.28	g yd³)					4.0 r	n³ (5.23	3 yd³))				
High Lift Arm (XT) - General Purpose	9																		
Туре	3 v/=13\								Mater	ial Der	sity [to	on/m³]						
туре	m³ v(yd³)	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
Bolt-On Cutting Edge	4.2 (5.49)					4.8 m	ı³ (6.28	3 yd³)					4.0 r	n³ (5	23 yd³)				
Bolt-On Cutting Edge	5.2 (6.8)	6.0 m	³ (7.85	yd³)					4.9 n	n³ (6.4′	l yd³)								
Bolt-On Cutting Edge	4.5 (5.89)			5.2 ו	m³ (6.8	g yd³)					4.3 n	n³ (5.62	2 yd³)						
Cutting Edge (ISO Quick Coupler)	4.2 (5.49)		4.8 m	า³ (6.28	yd³)					4.0 r	n³ (5.23	3 yd³)							

NGINE	STD	O
ENGINE, CUMMINS, L9		
3 Stage air precleaner	•	
Alternator, 95A Fuel warmer	•	-
Engine oil level dipstick gauge	•	-
Fuel / water separator	•	
WGT (Waste Gate Turbo)	•	
CLEAN EMISSION MODULE		
DOC, DPF and SCR		
Active Emission Regeneration (No Manual Reg	eneration F	Regu
Stage V Certified Emmissions	•	Ė
EGR Free	•	
Automatic Regeneration	•	
COOLING SYSTEM		
Antifreeze	•	
Auto Reversing Fan (adjustable Time/		
Interval Frequencies) w/ Manual Override		
Coolant Level Sight Gauge	•	
Fan guard	•	
Wide Fin Radiator	CTD.	
OWER TRAIN	STD	0
TRANSMISSION Transmission F4/R3, computer		
Transmission F4/R3, computer controlled, electronic soft shift, auto-	•	
shift and kick-down features included		
Transmission oil sight level	•	
Wide Fin Transmission Oil Cooler	•	
AXLE		
Conventional (Rear)	•	
Hydraulic lock differential (Front)	•	
Limited slip differential (Front / Rear) BRAKE		<u> </u>
Parking brake		
Service brake (Enclosed wet-disc)	•	
TIRES		
26.5 R25 L3, ★★, L3	•	
26.5-25, 20PR L5		
26.5 R25 XHA, ★, XHA		_
26.5-25, 20PR L3	CED	
YDRAULIC SYSTEM	STD	0
Diagnostic pressure taps	•	
Hyundai Bio Hydraulic Oil (VG46) Hydraulic oil level sight gauge		<u> </u>
Hydraulic Oil VG32		١.
Hydraulic Oil VG46	•	
Wide Fin Hydraulic Oil Cooler	•	
HYDRAULIC CONTROL		
Fingertip		
Joystick		
ELECTRO-HYDRAULIC CONTROL Boom kickout, automatic		
Bucket positioner, automatic	•	
Extra piping for auxiliary function		
Fingertip	•	
Joystick	•	
Quick coupler piping	•	
Ride control system	•	
AB & INTERIOR	STD	0
ALARMS, AUDIBLE AND VISUAL		
Air filter clogging	•	
Battery voltage	•	
Brake oil pressure	•	
DEF low level	•	_
Engine coolant level	•	
Engine coolant temperature	•	_
Engine oil pressure	•	_
Fuel level	•	_
Hydraulic oil temperature	•	_
Parking brake	•	_
Cambia kasha aft		
Service brake oil pressure	•	
Seat belt ON/OFF	•	

AB & INTERIOR	STD	OP.
GAUGES		
Diesel Exhaust Fluid (DEF) level	•	
Engine coolant temperature	•	
Fuel level	•	
Horn, electric	•	
Speedometer	•	
Transmission oil temperature	•	
INDICATOR LIGHTS		
Clutch Cut Off	•	
Differential Lock	•	
Engine auto stop	•	
FNR	•	
High beam	•	
Parking brake	•	
Pilot cut off	•	
Ride control	•	
Seat belt ON/OFF	•	
Turning light	•	
LCD DISPLAY		I
Clock and fault code	•	
DEF level	•	
DEF low level	•	
Engine rpm	•	
Horn, electric Job time and distance	-	
Operating hour counter	•	
<u> </u>	-	
Transmission gear range BATTERIES		
850CCA, 12V, 2PCS LIGHTING SYSTEM		
Brake lights(Counterweight)		I
LED dome light	•	
2 Head lights on front tower		
2 Head lights (LED) on front tower	-	
2 Stop and tail lights		
4 Turn signals		
2 Working lights on front roof		
4 Working lights on front roof		
2 Working lights on rear roof		•
4 Working lights (LED) on front roof		
2 Working lights (LED) on rear roof		•
2 Working lights on grill	•	
2 Working lights (LED) on grill		
SWITCHES		
Battery master switch		
Differential Lock	•	
Emergency steering		
FNR shifter		
Hazard	•	
Parking	•	
Pilot cut off	•	
SYSTEM MEMORY SETTINGS		
Autolube, integrated in secondary display		•
Auto position	•	
Beacon light		•
Fine modulation	•	
Main light	•	
Mirror heat	•	
Quick coupler	•	
Rear wiper Ride control	•	
Work light		-
Work load		
IGNITION		
Key	•	
Push Start Button		•
CAB (SOUND SUPPRESSED)		
24V to 12V DC converter (20A)	•	
Coat hook	•	
Magazine pocket One door cab	•	

CAB & INTERIOR	STD	OP
CAB(SOUND SUPPRESSED)		
Roller type sunshade (Front window)	•	
ROPS / FOPS CAB.	•	
Rubber floor mat	•	
Steering column, tilt and telescopic	•	
Steering wheel with knob	•	
Tinted safety glass	•	
Wrist rest	•	
DOOR		
Door and cab locks, one key		
Doors, service access (Locking)	•	
Doors, service access (Eocking) Doors, service access (Remote control)	_	_
AUTOMATIC CLIMATE CONTROL		
Air conditioner & heater	•	
Defroster	•	
Intermittent wiper and washer, front	•	
and rear		
SEAT		
3" Retractable seat belt & adjustable		
air suspension (Heated)		
PERSONAL STORAGE SPACE		
Console box	•	
Holder, can and cup	•	
PEDALS		
Accel pedal without ECO switch		
Dual-brake pedal	_	_
	_	_
One acceletator pedal	-	
One brake pedal	•	
SAFETY	STD	OP
Alarm, back-up	•	
Boom safety lock		•
Emergency steering		•
Emergency stop	•	
Fire extinguisher		•
OBJECT DETECTION		
AAVM - All Around View Monitoring		•
IMOD (Intelligent Moving Object Detection	1)	•
RADAR + Secondary Mornitor	,, 	
OTHERS	CTD	OD:
JITIERS		
	STD	UP
2nd Monitor	SID	•
2nd Monitor 3 Spool MCV	סוצ	·
2nd Monitor	·	•
2nd Monitor 3 Spool MCV	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps TELEMATICS	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps TELEMATICS ECD (Engine Connected Diagnostics)	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps TELEMATICS ECD (Engine Connected Diagnostics) Hi MATE GUARDS	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps TELEMATICS ECD (Engine Connected Diagnostics) Hi MATE GUARDS Belly-Pan Guard	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps TELEMATICS ECD (Engine Connected Diagnostics) Hi MATE GUARDS Belly-Pan Guard Crankcase	•	•
2nd Monitor 3 Spool MCV 5 speed T/M with lockup clutch Air Compressor Auto Engine Shut Down Auto Grease System Articulation Locking Bar Heavy Counterweight Hi-Mate, Satellite ISO Quick Coupler LED Beacon Lamp License Plate & 10W LED Lamp Lift and tie-down hooks Loader linkage, sealed Sun Shade on Rear Window of Cabin Vandalism protection caplocks Wheel Chocks SAFETY Handrails Ladders Platforms Steps TELEMATICS ECD (Engine Connected Diagnostics) Hi MATE GUARDS Belly-Pan Guard	•	· · · · · · · · · · · · · · · · · · ·

Standard and optional equipment may vary. Contact your Hyundai dealer for more information. The machine may vary according to International standards.
The photos may include attachments and optional equipment that are not available in your area.
Materials and specifications are subject to change without advance notice.
All imperial measurements rounded off to the nearest pound or inch.

PLEASE CONTACT

HYUNDAI **CONSTRUCTION EQUIPMENT**

www.hceamericas.com 6100 Atlantic Blvd., Norcross, GA 30071 TEL (678) 823-7777 FAX (678) 823-7778